



# Light reading

May/June 2015

## Conservation news

### INTRODUCING MobE

MobE, which stands for mobilizing energy, is a first-of-its-kind solar-powered kiosk that City Light uses at community events to share information about renewable energy and conservation.

Equipped with an onboard computer, interactive touch-screen monitor, microphone, public-address system, projector and podium, MobE is an exciting new way to communicate, especially with school kids. The project is funded by City Light's **GREEN UP** program and already has outreach partnerships with Woodland Park Zoo, Pacific Science Center and the Seattle Aquarium. Get information on this innovative project by visiting: [MobE.seattle.gov](http://MobE.seattle.gov).



Above: The MobE kiosk and solar panel. Right: With Seattle Mayor Ed Murray looking on, City Light's Jack Newman shows students from the John Stanford International School the wonders of MobE at a recent launch event for the kiosk.

"HIGHEST CUSTOMER SATISFACTION WITH BUSINESS ELECTRIC SERVICE IN THE WEST AMONG MIDSIZE UTILITIES"\*



### TRACK COMMUNITY SOLAR PRODUCTION



Seattle's solar season is well underway. By the time the summer solstice rolls around, there's usually a lot of solar energy being generated at our community solar projects. Live-streaming data from all of the projects (Aquarium, Woodland Park Zoo, Jefferson Park and Capitol Hill) can be viewed on our website:

[http://portfolio.deckmonitoring.com/city\\_of\\_seattle](http://portfolio.deckmonitoring.com/city_of_seattle). Just click on the green flags for information.

### RENEWABLE ENERGY LEGISLATION

In its 2015 session, the Washington State Legislature considered changes related to renewable-energy incentives paid by the state. City Light was there advocating for our customers — supporting community solar as well as reasonable incentive rates and an extension of incentive payments beyond 2020. As new laws are enacted, we'll make sure we keep our customers up-to-date and informed. Read the FAQ at [seattle.gov/light/solar](http://seattle.gov/light/solar) to get the latest news.

### CONSERVATION HERO

*"I was thrilled to receive a free LED bulb from City Light. The LED bulb was the perfect amount of light for my bedroom. Not only did I get a free LED bulb, but I also received a coupon for three additional bulbs for less than \$5. Thank you, City Light!" — Gretchen C., Seattle*

Get your free LED through June 30. Visit [seattle.gov/light/freebulb](http://seattle.gov/light/freebulb) and enter your account number (found on upper left-hand corner of your City Light bill).

Want to save like a Conservation Hero? If you have a question about energy conservation or our renewable-energy power programs, call a Seattle City Light Energy Advisor at **206.684.3800** or email [SCLEnergyadvisor@seattle.gov](mailto:SCLEnergyadvisor@seattle.gov).



## Seattle City Light

### TWEETS, BLOGS AND POSTS

In recent years, City Light has had great success communicating with customers via social media and online.

Our outage map is one of the most visited pages on City Light's website, getting more than a million views in the last year.

Last November, we were judged a top-100 Twitter user by an industry group that tracks that sort of thing. And we hit the jackpot in December with a Facebook video about reindeer, which are found near our Boundary hydro-electric project in northeast Washington. That single post reached more than 138,000 people.

Intelligent Utility, an industry trade magazine, picked a City Light tweet as their "favorite utility tweet of all time." We received the honor for tweeting a link to a 1987 music video on how to save energy, and here's why it was popular: The rap composition was written by Seattle's Sir Mix-A-Lot before he hit the big time.

The magazine singled us out again earlier this year for having the best tweet of February 2015 for a post on LEDs.

In our continuing effort to engage our customers, we're always looking for great content that's informative and entertaining. Check it out on our website: [seattle.gov/light](http://seattle.gov/light).

# EXPERIENCE THE NORTH CASCADES THIS SUMMER SKAGIT TOURS 2015

Encounter the beauty, adventure and fun of the North Cascades. To learn more about what awaits you, visit [skagittours.com](http://skagittours.com) or call **360.854.2589**.



Skagit Tours



#skagittours

*North Cascades Institute - Connecting people, nature and community through education since 1986*

[nccascades.org](http://nccascades.org) or **360.854.2589**.



*North Cascades National Park - Enjoy summer learning and recreation* [nps.gov/noca](http://nps.gov/noca) or **360.854.7200**.

## GO LEDS, GO M'S

With help from City Light incentives, the Seattle Mariners are now the first Major League Baseball team to light its field with all LEDs. The more efficient LEDs last longer and will reduce power usage by 784,000 kWh each season, enough to power 91 average homes for a year. They'll also save more than \$50,000 in energy costs. Plus, LED technology provides brighter light and better visibility for everyone — players, fans, TV viewers. Check out the new lights the next time you're at the ballpark.



## IN YOUR NEIGHBORHOOD: CITY LIGHT @ WORK

Crews are in these neighborhoods, working to provide you with reliable power:

- View Ridge (north of NE 65th): replacing underground cable and equipment;
- Burien, Seattle, Shoreline (various locations): replacing utility poles;
- Montlake: relocating, replacing underground power lines in support of a state project;
- Shoreline, north Aurora (N. 192nd to N. 205th): converting overhead lines to underground in support of a local improvement project;
- Uptown (bordering Seattle Center): updating streetlight equipment;
- Laurelhurst: upgrading underground capacity and reliability;
- Elliott Bay: relocating/restoring underground services in support of Seawall project;
- Central District: preparing to install new transformer at East Pine Street Substation.

This is a partial list. For more details, go to [seattle.gov/light/construction](http://seattle.gov/light/construction) and click on the construction sign.

## SAFETY TIP FROM THE FIELD

**"Tree houses and tree swings are fun for kids but if they're near power lines, they can be dangerous. If a tree touches a power line it can conduct electricity and anyone touching that tree could be injured or electrocuted. Make sure tree houses and tree swings are well away from power lines."**

**-Josh Kelley, maintenance worker, Skagit Hydroelectric Project**



# SCAM ALERT

**SPOT IT • REPORT IT • STOP IT**

## SUMMER SCAM SEASON

High season for utility scams is in winter when people use more energy for heat, and summer, when air conditioners are commonly used. Be wary of scams, whether by email, phone or in person. If in doubt, phone our Call Center at **206.684.3000** and learn more on scam prevention at [seattle.gov/light/EndScams](http://seattle.gov/light/EndScams).



## Seattle City Light

**The first carbon-neutral utility in the nation.**

700 Fifth Avenue, Suite 3200  
PO Box 34023  
Seattle, WA 98124-4023  
[seattle.gov/light](http://seattle.gov/light)



Questions, comments or suggestions?  
Call **206.684.3000**.

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Newsletter available in Spanish, Vietnamese, Chinese, Somali, Tagalog and Korean online or call **206.684.3000**.



**Printed on recycled paper.**

\* Seattle City Light received the highest numerical score among midsize utilities in the West in the proprietary J.D. Power 2015 Electric Utility Business Customer Satisfaction Study<sup>SM</sup>. Study based on 22,857 total online interviews ranking the 12 largest providers in the West. Proprietary study results are based on experiences and perceptions of businesses surveyed April-June and July-November 2014. Your experiences may vary. Visit [jdpower.com](http://jdpower.com).



# JOIN GREEN UP

wind

geo

bio

solar

## OUR LEGACY OF ENVIRONMENTAL LEADERSHIP

As a Seattle City Light customer, you enjoy the cleanest, lowest-cost electricity among large U.S. cities. In fact, more than 90 percent of our electricity is generated from renewable resources, most of which is hydropower. However, while hydroelectricity is renewable and low cost, it's not infinite. Even though the electricity you receive from City Light is carbon neutral, the region as a whole continues to depend on carbon-emitting fossil fuels.

## GO BEYOND HYDROPOWER

City Light's **GREEN UP** program encourages new renewable energy-generation that will help power our region's future. We do that by investing customer purchases in regional renewable projects such as wind, geothermal and biogas and by funding local demonstration and education projects. That means when you join **GREEN UP** you support clean, renewable energy as well as the Northwest businesses and green jobs that produce it.

Join more than 14,000 of your neighbors who have signed up to build a more sustainable future through **GREEN UP**. On the back page of this newsletter, learn more about the resources used in **GREEN UP**, and how the program compares to the utility's power mix.

**ENROLL TODAY AT [SEATTLE.GOV/GREENUP](http://SEATTLE.GOV/GREENUP) OR  
CALL AN ENERGY ADVISOR AT 206.684.3800,  
8:30 A.M. TO 4:30 P.M., MONDAY THROUGH FRIDAY.**



## INTERESTED IN SOLAR ENERGY?

In addition to **GREEN UP**, City Light helps customers experience solar power through our award-winning Community Solar program. We can also make it easier to install solar on your roof.

Visit [Seattle.gov/Green](http://Seattle.gov/Green) to learn more about all voluntary renewable energy programs at Seattle City Light.

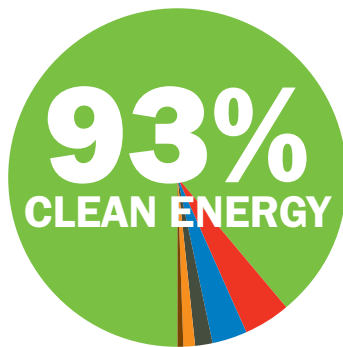


is proud to support a variety of renewable energy resources through our **GREEN UP** program. The **GREEN UP** product<sup>1</sup> is made up of the new<sup>2</sup> renewable energy resources shown to the right.

You can participate in **GREEN UP** by purchasing renewable energy blocks for \$3 (200kWh), \$6 (400kWh) or \$12 (800kWh) per month in addition to your standard electricity usage charges.

The average Seattle City Light residential customer uses 750 kWh of electricity each month. For commercial customers, this product can be calculated to match up to 100 percent of your estimated electricity usage.

For specific information about this electricity product, call Seattle City Light at 206.684.3800, or visit [Seattle.gov/GreenUp](http://Seattle.gov/GreenUp).



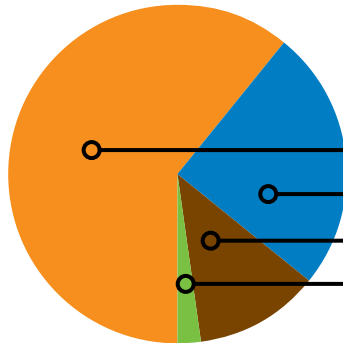
## SEATTLE CITY LIGHT POWER MIX\*

Hydro .....	88.9%
Nuclear** .....	4.5%
Wind .....	3.4%
Coal** .....	1.7%
Other*** .....	1.0%
Landfill Gas .....	.5%
<b>Total .....</b>	<b>100%</b>

\* The 2013 fuel mix has been revised. The correction is due to a miscalculation by the State Fuel Mix Program. Anyone with questions may call 360.725.3120.

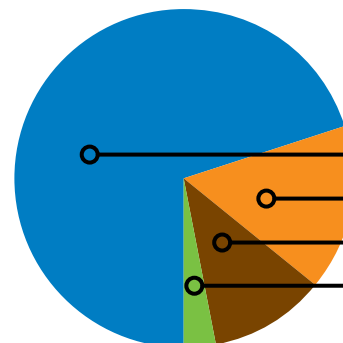
\*\* These fuels represent a portion of the power from Bonneville Power Administration.

\*\*\* Others include biomass, natural gas, other, petroleum and waste.



## 2014 GREEN UP ACTUAL POWER MIX

<b>61%</b>	<b>Geothermal - Idaho</b>
<b>25%</b>	<b>Wind - Washington, Oregon</b>
<b>12%</b>	<b>Dairy Biogas - Washington, Idaho</b>
<b>2%</b>	<b>Small Hydro - Idaho</b>



## 2015 GREEN UP PROSPECTIVE POWER MIX

<b>70%</b>	<b>Wind - Washington, Oregon</b>
<b>16%</b>	<b>Geothermal - Oregon</b>
<b>11%</b>	<b>Dairy Biogas - Washington, Oregon</b>
<b>3%</b>	<b>Small Hydro<sup>3</sup> - Idaho</b>

<sup>1</sup> These figures reflect the power that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you the actual resource mix of the electricity you purchased during the preceding year.

<sup>2</sup> New renewables come from generation facilities that first began commercial operation on or after January 1, 2001.

<sup>3</sup> Eligible hydroelectricity facilities are defined by Green-e Energy National Standard and include facilities certified by the Low Impact Hydropower Institute; facilities that are run-of-the-river hydropower facilities with a total rated nameplate capacity equal to or less than 5MW; and facilities comprised of a turbine in a pipeline or a turbine in an irrigation canal.

# JOIN GREEN UP



## I want to support clean, renewable Northwest energy generation!

☐ \$3 per month  
(purchases 200 kWh)

☐ \$6 per month  
(purchases 400 kWh)

☐ \$12 per month  
(purchases 800 kWh)

☐ I already participate, but want  
to add \$  each month

Your participation in **Green Up!** will appear on your regular bimonthly utility bill.

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Service Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Mailing Address (if different from above): \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Account Number: \_\_\_\_\_ Email: \_\_\_\_\_

Enclose with City Light payment or mail to: **GREEN UP, Seattle City Light, PO Box 34023, Seattle, WA 98124-4023**

**Interested**  
in **GREEN UP** for your business?  
Call 206.684.3800

**Questions?**  
Call 206.684.3800 or visit  
[Seattle.gov/GreenUp](http://Seattle.gov/GreenUp)



# Energy

CERTIFIED

The Green-e Energy™ program certifies that GREEN UP meets the minimum environmental and consumer protection standards established by the non-profit Center for Resource Solutions. For more information on Green-e Energy™ certification requirements, call 1.888.63-Green or visit [www.green-e.org](http://www.green-e.org).